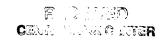
BEST AVAILABLE COPY



JAN 2 4 2005

Amendments to the Claims:

- 1. (Currently Amended) A dosage unit comprising a mucosal surface-coat-forming film, wherein the mucosal surface-coat-forming film comprises a water-soluble hydrocolloid, an effective dose of an erectile dysfunction active agent sildenafil citrate and a mucosal adhesion enhancer, wherein the mucosal adhesion enhancer is a starch graft copolymer.
- 2. (Original) The dosage unit of claim 1, wherein the mucosal adhesion enhancer is a copolymer of starch and acrylic acid.
- 3. (Original) The dosage unit of claim 1, wherein the film exhibits a dry tack value of less than 3.5g.
- 4. (Original) The dosage unit of claim 1, wherein the film exhibits a dry tack value of less than 2.0g.
- 5. (Original) The dosage unit of claim 1, wherein the film exhibits a wet tack value of greater than 35g.
- 6. (Original) The dosage unit of claim 1, wherein the water-soluble hydrocolloid exhibits a gelation temperature that is greater than 70°C for a 2% polymer solution.
- 7. (Previously Presented) The dosage unit of claim 1, wherein the water-soluble hydrocolloid exhibits a hydration rate in 24 hours of 5-20% increase in the weight percent of the water-soluble hydrocolloid at 75% humidity at room temperature.
- 8. (Original) The dosage unit of claim 1, wherein the water-soluble hydrocolloid is a polymer selected from the group consisting of a natural, semi-natural and synthetic biopolymer.

PAGE 6/13* RCVD AT 1124/2005 4:57:47 PM [Eastern Standard Time]* SVR: USPTO-EFXRE-1/0 * DNIS:8729306 * CSID:202 26/13333 * DURATION (mm-ss):03-08

Serial No.: 09/091,062 Group Art Unit: 1616

- 9. (Previously Presented) The dosage unit of claim 8, wherein the water-soluble hydrocolloid is selected from the group consisting of a polysaccharide and a polypeptide.
- 10. (Original) The dosage unit of claim 8, wherein the water-soluble hydrocolloid comprises a hydroxypropylmethylcellulose polymer.
- 11. (Original) The dosage unit of claim 10, wherein the hydroxypropylmethylcellulose polymer has a molecular weight of less than 200,000 Daltons.
- 12. (Original) The dosage unit of claim 1, wherein the film further comprises at least one of an emulsifier, a plasticizer, a taste modifying agent, a water soluble inert filler, a preservative, a coloring agent, a stabilizer and a buffering agent.
- 13. (Original) The dosage unit of claim 1, wherein the film further comprises an emulsifier present at a concentration in the range of 0.1 to 10 wt% of the dosage unit.
- 14. (Original) The dosage unit of claim 1, wherein the film further comprises a taste modifying agent comprising at least one of a sweetening agent, a flavoring agent and a taste masking agent.
- 15. (Original) The dosage unit of claim 1, wherein the film further comprises a water soluble inert filler present at a concentration in the range of 0.5 to 50 wt% of the dosage unit.
- 16. (Original) The dosage unit of claim 1, wherein the film further comprises a preservative present at a concentration in the range of 0.01 to 10 wt% of the dosage unit.
- 17. (Original) The dosage unit of claim 1, wherein the active agent is present at a concentration in the range of 0.01 to 75 wt% of the dosage unit.

BEST AVAILABLE COPY

Serial No.: 09/091,062 Group Art Unit: 1616

- 18. (Canceled)
- 19. (Canceled)
- 20. (Original) The dosage unit of claim 1, wherein the film has a dry film thickness in the range of 1 to 20 mil.
- 21. (Original) The dosage unit of claim 20, wherein the film has a dry film thickness of less than 10 mils.
- 22. (Original) The dosage unit of claim 1, wherein the film exhibits a tensile strength greater than 1500 psi.
- 23. (Original) The dosage unit of claim 1, wherein the film exhibits a % elongation of less than 20%.
 - 24. (Canceled)
- 25. (Original) The dosage unit of claim 1, wherein the film exhibits a dissolution time in the range of 1 to 300 seconds upon application to an oral mucosal surface.
- 26. (Currently Amended) The dosage unit of claim 52 1, wherein the film exhibits a tensile strength greater than 1,500 psi, a % elongation of less than 20% and a disintegration time in the range from 1 to 300 seconds upon application to an oral mucosal surface.
- 27. (Currently Amended) The dosage unit of claim 1, wherein the active agent sildenafil citrate is encapsulated within a polymer, wherein the polymer exhibits dissolution properties that are different from those of the hydrocolloid.

BEST AVAILABLE COPY

- 28. (Currently Amended) The dosage unit of claim 1, wherein the dosage unit further comprises an additional active agent other than the erectile dysfunction active agent sildenafil citrate.
- 29. (Previously Presented) The dosage unit of claim 1, wherein the mucosal adhesion enhancer is present at a concentration of up to 50% by weight.
- 30. (Currently Amended) A dosage unit comprising a mucosal surface-coat-forming film, wherein the mucosal surface-coat-forming film comprises a water-soluble hydrocolloid, an effective dose of an erectile dysfunction active agent sildenafil citrate and a mucosal adhesion enhancer; wherein the active agent is encapsulated within a polymer which exhibits dissolution properties that are different from those of the hydrocolloid; wherein the mucosal adhesion enhancer is a starch graft copolymer; wherein the film exhibits a dry tack value of less than 3.5g, a wet tack of greater than 35g, a gelation temperature that is greater than 70°C for a 2% polymer solution, a dry film thickness of not more than 20 mil, a water content of 0.5 to 10%, a tensile strength greater than 1500 psi, a modulus in the range of 35,000 to 300,000 psi, a % elongation of less than 20%, a tear propagation resistance of 0.001 to 1 N, and a dissolution time of not more than 600 seconds upon application to an oral mucosal surface.
- 31. (Original) The dosage unit of claim 30, wherein the mucosal adhesion enhancer is a copolymer of starch and acrylic acid.
- 32. (Original) The dosage unit of claim 30, wherein the film exhibits a dry tack value of less than 2.0g.
- 33. (Previously Presented) The dosage unit of claim 30, wherein the water-soluble hydrocolloid exhibits a hydration rate in 24 hours of 5-20% increase in the weight percent of the water-soluble hydrocolloid at 75% humidity at room temperature.

BEST AVAILABLE COPY

Serial No.: 09/091,062 Group Art Unit: 1616

- 34. (Original) The dosage unit of claim 30, wherein the water-soluble hydrocolloid is a polymer selected from the group consisting of a natural, semi-natural and synthetic biopolymer.
- 35. (Previously Presented) The dosage unit of claim 34, wherein the water-soluble hydrocolloid is selected from the group consisting of a polysaccharide and a polypeptide.
- 36. (Original) The dosage unit of claim 34, wherein the water-soluble hydrocolloid comprises a hydroxypropylmethylcellulose polymer.
- 37. (Original) The dosage unit of claim 36, wherein the hydroxypropylmethylcellulose polymer has a molecular weight of less than 200,000 Daltons.
- 38. (Original) The dosage unit of claim 30, wherein the film further comprises at least one of an emulsifier, a plasticizer, a taste modifying agent, a water soluble inert filler, a preservative, a coloring agent, a stabilizer and a buffering agent.
- 39. (Original) The dosage unit of claim 30, wherein the film further comprises an emulsifier present at a concentration in the range of 0.1 to 10 wt% of the dosage unit.
- 40. (Original) The dosage unit of claim 30, wherein the film further comprises a taste modifying agent comprising at least one of a sweetening agent, a flavoring agent and a taste masking agent.
- 41. (Original) The dosage unit of claim 30, wherein the film further comprises a water soluble inert filler present at a concentration in the range of 0.5 to 50 wt% of the dosage unit.
- 42. (Original) The dosage unit of claim 30, wherein the film further comprises a preservative present at a concentration in the range of 0.01 to 10 wt% of the dosage unit.

BEST AVAILABLE COPY

- 43. (Original) The dosage unit of claim 30, wherein the active agent is present at a concentration in the range of 0.01 to 75 wt% of the dosage unit.
 - 44. (Canceled)
- 45. (Original) The dosage unit of claim 30, wherein the film has a dry film thickness in the range of 1 to 20 mil.
- 46. (Original) The dosage unit of claim 45, wherein the film has a dry film thickness of less than 10 mils.
- 47. (Original) The dosage unit of claim 30, wherein the film exhibits a dissolution time in the range of 10 to 600 seconds upon application to an oral mucosal surface.
- 48. (Previously Presented) The dosage unit of claim 30, wherein the film further exhibits a disintegration time in the range of 1 to 300 seconds upon application to an oral mucosal surface.
 - 49. (Cancelled).
- 50. (Currently Amended) The dosage unit of claim 30, wherein the dosage unit further comprises an additional active agent other than the erectile dysfunction active agent sildenafil citrate.
- 51. (Previously Presented) The dosage unit of claim 30, wherein the mucosal adhesion enhancer is present at a concentration of up to 50% by weight.
- 52. (Previously Presented) The dosage unit of claim 1, wherein the film exhibits a modulus in the range of 35,000 to 300,000 psi.

BEST AVAILABLE COPY

53. (Previously Presented) The dosage unit of claim 1, wherein the film exhibits a dissolution time in the range of 10 to 600 seconds upon application to an oral mucosal surface.